(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 18 August 2005 (18.08.2005)

PCT

(10) International Publication Number WO 2005/075062 A1

- (51) International Patent Classification⁷:
- B01F 11/00,
- (21) International Application Number:

PCT/EP2004/050051

- (22) International Filing Date: 29 January 2004 (29.01.2004)
- (25) Filing Language:

English

(26) Publication Language:

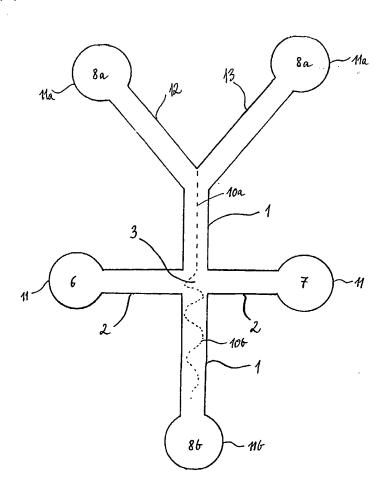
English

- (71) Applicant (for all designated States except US): AGI-LENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, California 94306 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): RÜFER, Andreas [DE/DE]; Agilent Technologies Deutschland GmbH, Hewlett-Packard Str. 8, 76337 Waldbronn (DE). LÜDKE, Gerd [DE/DE]; Hülbenstr. 28, 71088 Holzgerlingen (DE).

- (74) Agent: BARTH, Daniel; Herrenberger Str. 130, 71034 Böblingen (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: MIXING OF FLUIDS



(57) Abstract: A method for mixing at least two fluids comprising: (a) introducing the at least two fluids into a common first conduit which includes a junction with a second conduit and transporting the fluids to the junction; (b) subjecting the fluids in the first condult at the junction to a force in order to alternately change the direction of flow of the fluids.

WO 2005/075062 A1



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report